| In | idex of | Claims |  |
|----|---------|--------|--|
|    |         |        |  |

| Application/Control | N | Ο. |
|---------------------|---|----|
|---------------------|---|----|

09/457,732

Examiner

Date

Applicant(s)/Patent under Reexamination

CALIFANO ET AL.

Art Unit

Christian La Forgia

2131

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

Claim

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | aim  | Date    |    |   |        |   |        |    |        |   |  |  |  |
|-------|--|---------|----|---|--------|---|--------|----|--------|---|--|--|--|
| Final | Original   | 11/8/06 |    |   |        |   |        |    |        |   |  |  |  |
| ш     |  |         |    |   |        |   |        |    |        |   |  |  |  |
|       | 1  | 4       |    |   |        |   |        |    |        |   |  |  |  |
|       | 1<br>2<br>3<br>4<br>5<br>6   | •       |    |   |        |   |        |    |        |   |  |  |  |
|       | 3  | -       |    |   |        |   |        |    |        |   |  |  |  |
|       | 4  | -       |    |   |        |   |        |    |        |   |  |  |  |
|       | 5  | Α       |    |   |        |   |        | Ш  |        |   |  |  |  |
|       | 6  | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 7  | Α       |    |   |        |   |        |    | $\Box$ |   |  |  |  |
|       | 8  | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 9  | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 10   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 11   | Α       |    |   |        | _ |        |    |        |   |  |  |  |
|       | 12   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25 | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 14   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 15   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 16   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 17   | Α       | L. |   |        |   |        |    |        |   |  |  |  |
|       | 18   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 19   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 20   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 21   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 22   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 23   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 24   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 25   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 26<br>27<br>28<br>29   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 27   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 28   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 29   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 30   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 31   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 30<br>31<br>32<br>33   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 33   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 34   | A       |    |   |        |   |        |    |        |   |  |  |  |
|       | 35<br>36<br>37   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 36   | Α       |    |   |        |   |        |    |        |   |  |  |  |
|       | 37   |         |    |   |        |   |        |    |        |   |  |  |  |
|       | 38<br>39   |         |    |   |        |   |        |    |        |   |  |  |  |
|       | 39   |         |    |   |        |   |        |    |        |   |  |  |  |
|       | 40   |         |    |   |        |   |        |    |        |   |  |  |  |
|       | 41   |         |    | L | $\Box$ |   | $\Box$ |    |        |   |  |  |  |
|       | 42   | 匚       | 匚  | L |        |   |        |    | _      | L |  |  |  |
|       | 43   |         |    |   |        |   |        |    | L      |   |  |  |  |
|       | 44   | 匚       |    |   |        | 匚 |        |    |        | Ĺ |  |  |  |
|       | 45   |         |    |   | Ĺ      |   |        |    |        | L |  |  |  |
|       | 46   | L       |    |   |        |   |        |    |        |   |  |  |  |
|       | 47   |         |    |   | L      |   |        |    |        |   |  |  |  |
|       | 48   |         |    |   |        |   |        |    |        |   |  |  |  |
|       | 49   |         |    |   |        |   |        |    |        |   |  |  |  |
|       | 50   | П       | _  | г |        |   | · · ·  | Ι- | Г      | Г |  |  |  |

| -        |          | _        |          | _        |          |          | _        |          |          | _        |          |          | -        | _        | _            |          |   | _        |                | _            |          | - ⊢      |       |            |                 |          |          | _        |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|----------|---|----------|----------------|--------------|----------|----------|-------|------------|-----------------|----------|----------|----------|
| <u>.</u> | Original | 11/8/06  |          |          |          |          |          |          |          |          | Final    | Original |          |          |              |          |   |          |                |              |          | i        | Final | Original   |                 |          |          |          |
|          | 1        | Α        |          |          |          |          |          |          | $\neg$   | $\neg$   |          | 51       | $\Box$   |          |              |          |   |          |                |              |          |          |       | 101        | П               | T        | コ        | _        |
|          | 2        | -        |          |          |          |          |          |          | 丁        | ╗        |          | 52       |          |          |              |          |   |          |                |              |          |          |       | 102        |                 |          |          |          |
|          | 3        | -        |          |          |          |          |          |          |          |          |          | 53       |          |          |              |          |   |          |                |              |          |          |       | 103        |                 | $\Box$   |          |          |
|          | 4        | -        |          |          |          |          |          |          |          |          |          | 54       |          |          |              |          |   |          |                |              |          |          |       | 104        |                 | $\Box$   |          |          |
|          | 5        | Α        |          |          |          |          |          |          |          |          |          | 55       |          |          |              |          |   |          |                |              |          |          |       | 105        |                 |          |          |          |
|          | 6        | Α        |          |          |          |          |          |          |          |          |          | 56       | L        |          |              |          |   |          |                |              |          | L        |       | 106        |                 |          |          |          |
|          | 7        | Α        |          |          |          |          |          |          |          |          |          | 57       |          |          |              | L        |   |          |                |              | Ц        | L        |       | 107        | Ш               |          | _        |          |
| _        | 8        | Α        |          |          |          |          |          |          |          | ╝        | <u> </u> | 58       |          |          |              |          |   |          |                |              |          | L        |       | 108        | Ш               | _        |          | _        |
|          | 9        | Α        |          |          |          |          |          |          | $\bot$   | _        |          | 59       |          |          |              |          |   |          |                |              |          | L        |       | 109        | Ш               | _        |          |          |
|          | 10       | Α        | Ш        |          |          |          |          |          |          | _        |          | 60       | ļ        |          |              | _        |   |          | _              |              | Ш        | L        |       | 110        | Ш               | _        |          | _        |
|          | 11       | Α        |          |          |          |          |          |          |          | _        | L.       | 61       | <u> </u> |          |              |          |   |          | _              |              |          |          |       | 111        | Ш               | _        |          | _        |
| _        | 12       | Α        | Ш        |          |          |          |          |          | _        | _        |          | 62       | <u> </u> |          |              | _        | L   |          | L              |              | $\Box$   | _        |       | 112        | Ш               | _        | $\Box$   |          |
|          | 13       | Α        |          |          |          |          |          |          |          | _        |          | 63       | L        |          | _            |          | $ldsymbol{ld}}}}}}$ | _        | _              |              | Щ        | _        |       | 113        |                 | _        |          | _        |
|          | 14       | Α        |          |          |          |          |          |          |          |          |          | 64       | <u> </u> | Ш        |              |          | $oxed{oxed}$  |          | _              |              |          | _        |       | 114        | ш               |          |          |          |
|          | 15       | Α        |          |          |          |          |          |          | _        | $\Box$   |          | 65       | _        | Щ        |              | <u> </u> | Щ   |          |                |              | Ш        | _        |       | 115        |                 | _        |          |          |
|          | 16       | Α        |          |          |          |          |          |          | _        | _        |          | 66       |          |          |              | <u> </u> | _   |          |                |              | Ш        | _        |       | 116        | Ш               | _        |          |          |
|          | 17       | Α        | L.       |          |          |          |          |          | _        | _        |          | 67       | <u> </u> | Ш        |              |          |   |          |                |              | $\Box$   | _        |       | 117        | Ш               |          |          |          |
|          | 18       | Α        |          |          |          |          |          |          | _        | _        |          | 68       | L        |          |              |          |   |          |                |              |          | $\vdash$ |       | 118        |                 | _        |          | <u> </u> |
|          | 19       | Α        |          |          |          |          |          |          |          | _        |          | 69       |          |          |              |          | _   |          |                |              |          | $\vdash$ |       | 119        | Ш               |          |          | <u> </u> |
|          | 20       | Α        |          |          |          |          |          |          |          | _        |          | 70       | _        | Ш        |              |          |   | Ш.       |                |              | Ш        | L        |       | 120        | Ш               | _        |          |          |
|          | 21       | Α        |          |          |          |          |          | Ш        | _        | _        |          | 71       |          |          |              | _        |   |          |                |              | Щ        | ⊢        |       | 121        |                 | $\dashv$ |          | <u></u>  |
| _        | 22       | Α        |          |          |          |          |          |          |          | _        |          | 72       | _        |          |              | ļ        |   |          |                |              |          | ┡        |       | 122        | $\square$       | $\dashv$ | $\dashv$ | <u> </u> |
|          | 23       | Α        |          |          |          |          |          |          | .        |          | <u> </u> | 73       | _        |          | _            |          |   |          |                |              |          | ┡        |       | 123        | Ш               | $\dashv$ | $\Box$   | _        |
|          | 24       | Α        |          |          |          |          |          |          | _        |          |          | 74       | <u> </u> |          |              | _        |   | _        |                | _            |          | <br> -   |       | 124        | $\vdash$        | $\dashv$ |          | $\vdash$ |
| _        | 25       | Α        |          |          |          |          |          |          | _        | 4        |          | 75       |          | Щ        |              | <u> </u> | <u> </u>  | _        |                | L            | Щ        | -        |       | 125        | $\vdash$        | $\dashv$ | _        | -        |
|          | 26       | Α        |          |          | _        |          |          |          | _        | 4        | -        | 76       | ļ        | Ш        | _            | <u> </u> | ļ   |          |                |              | _        | -        |       | 126        | Н               | -        |          |          |
|          | 27       | Α        |          |          |          |          |          |          | $\dashv$ | _        |          | 77       | ļ        |          |              | _        |   |          |                |              | Н        | -        |       | 127        | $\square$       |          |          | _        |
|          | 28       | Α        | _        |          | _        |          | Ш        |          | _        | _        |          | 78       | ļ        |          |              | <u> </u> | _   |          |                | _            | ш        | <br> -   |       | 128        | $\vdash$        | $\dashv$ | _        | -        |
|          | 29       | Α        |          |          | _        |          |          |          | _        | _        | <u> </u> | 79       | <u> </u> | <u> </u> |              | <u> </u> |   | _        | _              |              | Н        | ⊢        |       | 129        | Ш               | $\dashv$ |          | <u> </u> |
|          | 30       | Α        |          |          |          |          |          |          | -        | 4        |          | 80       | L        | <u> </u> |              | <u> </u> | _   | _        | _              | _            | Н        | $\vdash$ |       | 130        | Н               | $\vdash$ |          | -        |
|          | 31       | Α        | _        |          |          |          | Ш        |          | _        | 4        |          | 81       | _        | $\vdash$ | -            | -        | L   | _        | _              | <u> </u>     | Н        | ┝        |       | 131        | Н               | H        | $\vdash$ | ┝        |
|          | 32       | Α        | ldash    |          | _        |          |          |          | $\dashv$ | 4        |          | 82       | -        | $\vdash$ | L            | _        | _   |          | _              | _            | Н        | -        |       | 132        | $\vdash$        | -        |          | ┝        |
|          | 33       | Α        | <u> </u> |          |          |          |          |          | _        | -        | ļ        | 83       | ļ        | _        | <u> </u>     | _        | _   | _        |                | <u> </u>     | Н        | -        |       | 133        | Н               |          | $\vdash$ | -        |
|          | 34       | A        | _        |          | _        | _        | $\vdash$ |          |          | 4        |          | 84       | -        |          | -            | _        | ⊢   | _        | ⊢              | <u> </u>     | Н        | -        |       | 134        | $\vdash$        | $\vdash$ | $\vdash$ | ┝        |
| _        | 35       | Α        |          |          |          |          | <u> </u> |          |          | {        | -        | 85       | ┼-       |          | -            | H        | -   |          | -              | -            | Н        | $\vdash$ |       | 135<br>136 | -               | $\vdash$ | $\vdash$ | -        |
|          | 36       | Α        | 1        | _        |          |          | <u> </u> | _        |          |          | -        | 86       | ┢        | -        | -            | ⊢        | -   | ⊢        | ⊢              | ├            | Н        | $\vdash$ |       | 137        | $\vdash$        | $\vdash$ | -        | ⊢        |
|          | 37       | ├        | -        |          | -        |          | -        |          | _        | $\dashv$ | -        | 87       |          | ├─       | <del> </del> | ├        | $\vdash$  | -        | <u> </u>       | -            | $\vdash$ | ⊢        |       |            | Н               | $\vdash$ | $\vdash$ | ⊢        |
|          | 38       | <u> </u> | _        |          | _        | -        | -        |          | -        |          |          | 88<br>89 | ┼        | ⊢        | ┝            | -        | _   | -        | <u> </u>       |              | $\vdash$ | ⊢        |       | 138<br>139 | $\vdash$        | $\vdash$ | $\vdash$ | -        |
|          | 39       | ļ        | <u> </u> |          | -        |          | ├-       | Н        | _        |          |          |          | ├        | -        | ├-           | _        | H   |          | -              | -            | H        | ⊢        |       | 140        | Н               | Н        | $\vdash$ | H        |
|          | 40       | -        | -        | _        | <u> </u> | _        |          | H        | $\dashv$ | $\dashv$ |          | 90       | ╁        | -        | ├            |          | ⊢   | ┝        | -              |              | Н        | -        |       | 141        | $\vdash$        | $\vdash$ | H        | ┝        |
|          | 41       | H        | _        |          | H        | _        |          | Н        | -        | $\dashv$ | -        | 91<br>92 | ╁        | -        | ⊢            | ⊢        | ┢   | ┢        | ⊢              |              | -        | $\vdash$ |       | 142        | Н               | $\vdash$ |          | H        |
|          | 42       | $\vdash$ | -        | <u> </u> | -        | $\vdash$ |          | _        | $\dashv$ | $\dashv$ |          | 93       | ├        | -        | -            | -        | ├   | i-       |                | $\vdash$     | Н        | ⊢        |       | 143        | Н               | $\vdash$ | _        | H        |
| _        | 43       | $\vdash$ | $\vdash$ | <u> </u> | -        | $\vdash$ | -        | $\vdash$ | $\vdash$ | $\dashv$ | -        | 93       | ╁        | -        | -            | $\vdash$ |   | $\vdash$ | $\vdash$       | -            | H        | $\vdash$ |       | 144        |                 | H        | $\vdash$ | H        |
|          | 45       | ├        | -        |          |          | _        | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$ |          | 95       | ╁╌       | $\vdash$ |              | ┢        | $\vdash$  | $\vdash$ |                | ╂─           | H        | $\vdash$ |       | 145        | $\vdash$        | $\vdash$ | _        | H        |
| _        | 46       | ├-       | H        | -        | $\vdash$ | $\vdash$ | -        |          | $\vdash$ | $\dashv$ | -        | 96       | +-       | $\vdash$ | ┢            | ├        | $\vdash$  | -        |                | $\vdash$     | H        | $\vdash$ |       | 146        | $\vdash \vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |
|          | 47       | -        | $\vdash$ | <u> </u> | ├        | -        | -        | -        | $\vdash$ | $\dashv$ | -        | 97       | +-       | ⊢        | $\vdash$     | $\vdash$ |   | $\vdash$ | -              | $\vdash$     | H        | -        |       | 147        | $\vdash$        | $\vdash$ | Н        | H        |
| -        | 48       |          | $\vdash$ | <u> </u> | $\vdash$ | $\vdash$ | -        | $\vdash$ | $\vdash$ | $\dashv$ |          | 98       | +-       | -        | $\vdash$     |          | +-  | $\vdash$ |                | $\vdash$     | H        | -        |       | 148        | $\vdash$        | Н        | ┌─┤      | $\vdash$ |
| _        | 49       | $\vdash$ | $\vdash$ | ├        | -        | -        | -        |          | $\vdash$ | $\dashv$ |          | 99       | $\vdash$ | $\vdash$ | $\vdash$     |          | $\vdash$  | -        | $\vdash$       | ├            | H        | -        |       | 149        | $\vdash$        |          | $\vdash$ | H        |
| _        | 50       |          | ╁╌       | ⊢        | $\vdash$ | -        |          | -        | $\vdash$ | $\dashv$ | <u> </u> | 100      | +-       | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$  | -        | <del>  -</del> | <del> </del> | $\vdash$ | -        |       | 150        | $\vdash$        |          | Н        | H        |
|          | 1 30     | L        |          | <u> </u> |          | Щ.       | Ц.       |          |          |          | ·        | 1 100    | -        | Ь        |              |          | Ь   | <u> </u> | Ь              |              |          | L        |       |            | Щ               | -        |          | _        |

| Cla      | aim   | Date   |          |          |          |          |          |          |          |                 |  |  |  |
|----------|---|--|----------|----------|----------|----------|----------|----------|----------|-----------------|--|--|--|
|          |   |  |          |          |          |          |          |          |          |                 |  |  |  |
| Final    | Original                                      |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 101<br>102<br>103                             |  |          |          |          |          | -        |          |          |                 |  |  |  |
|          | 102   |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 103   |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 104<br>105                                    |  |          |          |          |          |          |          |          |                 |  |  |  |
| L        | 105   |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 106   |  |          |          |          |          |          |          |          | $\square$       |  |  |  |
| <u> </u> | 107<br>108                                    |  | -        |          |          |          | _        |          |          |                 |  |  |  |
|          | 100   | _  | $\vdash$ | -        |          | _        |          |          |          |                 |  |  |  |
|          | 109<br>110                                    | -  | H        |          | -        |          |          |          |          | -               |  |  |  |
|          | 111   |  |          |          |          |          |          |          | -        | $\dashv$        |  |  |  |
|          | 112   |  | $\neg$   |          | _        |          |          | _        |          |                 |  |  |  |
|          | 113   |  |          |          |          |          | -        |          |          | $\vdash$        |  |  |  |
|          | 112<br>113<br>114<br>115                      |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 115   |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 1116  |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 117<br>118                                    |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 118   | <u> </u>   |          |          |          |          |          |          |          |                 |  |  |  |
| <u> </u> | 119   |  |          |          |          | _        |          |          |          | Ш               |  |  |  |
|          | 120   |  |          |          |          |          | $\vdash$ |          |          | Ш               |  |  |  |
|          | 121   | <u> </u>   | _        |          |          |          | _        |          |          | Ш               |  |  |  |
| <b></b>  | 122   | -  |          |          |          |          |          |          | _        | $\vdash$        |  |  |  |
| <u> </u> | 123   | $\vdash$   | $\vdash$ |          |          | _        | ┝        |          | _        | $\vdash$        |  |  |  |
|          | 125   | -  | $\vdash$ |          |          | H        | -        |          | -        | Н               |  |  |  |
| -        | 120<br>121<br>122<br>123<br>124<br>125<br>126 | -  | $\vdash$ | -        | -        | H        |          | H        |          | Н               |  |  |  |
|          | 127   |  | Н        |          |          | $\vdash$ |          | $\vdash$ |          | Н               |  |  |  |
| -        | 128<br>129<br>130                             | _  |          |          | _        | $\vdash$ |          |          |          | Н               |  |  |  |
|          | 129   |  |          | _        |          | _        |          |          |          | П               |  |  |  |
|          | 130   |  |          |          |          |          | Г        |          |          |                 |  |  |  |
|          | 131<br>132                                    |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 132   |  | L        |          |          | <u> </u> | <u> </u> |          |          | Ш               |  |  |  |
|          | 133<br>134                                    |  | L_       |          | _        | L        |          | <u> </u> | L        | Ш               |  |  |  |
| <u> </u> | 134   |  | ļ        |          | _        | <u> </u> | <u> </u> | _        | <u> </u> | Щ               |  |  |  |
| <u> </u> | 135   | -  | _        |          | _        | $\vdash$ | $\vdash$ | $\vdash$ |          | $\vdash$        |  |  |  |
| <u> </u> | 136<br>137                                    | ├  | $\vdash$ | <b></b>  | -        | H        | <u> </u> | -        | $\vdash$ | $\vdash$        |  |  |  |
|          | 137   | ├—   | -        |          | <u> </u> | $\vdash$ | $\vdash$ | ├        | -        | $\vdash$        |  |  |  |
|          | 139   | $\vdash$   | $\vdash$ |          |          | $\vdash$ | <u> </u> | ├        | $\vdash$ | $\vdash \dashv$ |  |  |  |
|          | 140   | <del>                                     </del> | H        |          |          | -        |          |          | ┢        | H               |  |  |  |
| -        | 141   | $\vdash$   |          | $\vdash$ | _        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | Н               |  |  |  |
|          | 142   | T  |          | Т        |          | Т        | T        | -        |          | H               |  |  |  |
|          | 143   |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 144   | Ŀ  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 145   |  |          |          |          |          |          |          |          |                 |  |  |  |
|          | 146   |  |          |          | 匚        |          |          |          |          |                 |  |  |  |
| L        | 147   |  | _        | L        | L        | _        | <u> </u> | <u> </u> |          | <u> </u>        |  |  |  |
|          | 148   | <u>_</u>   | <u> </u> | L        | L        | L        | _        | <u> </u> | <u> </u> | <b>└</b>        |  |  |  |
|          | 149   | L_   | <u> </u> | L        | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 1_       | $\vdash$        |  |  |  |
|          | 150   | 1  |          |          | l .      | <u> </u> |          |          |          | L               |  |  |  |